

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 1.53(b))</i>	Attorney Docket No.	38156.0004
	First Inventor	Paul J. Walsh
	Title	Variable Constant Volume, etc.
	Express Mail Label No.	ER 463985695 US

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents</i>	Mail Stop Patent Application ADDRESS TO: Commissioner for Patents, P.O. Box 1450 Alexandria, Virginia 22313-1450
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Applicant claims small entity status. See CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages / 18 /] <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R&D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets / 1 /] 5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages / 2 /] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i> 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies
ACCOMPANYING APPLICATION PARTS 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent 17. <input checked="" type="checkbox"/> Other: check: \$385.00	

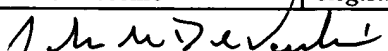
18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of the prior application No: /

Prior application information: Examiner: Group/Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number:	26712	OR <input type="checkbox"/> Correspondence address below			
NAME	John M. Del Vecchio Hodgson Russ LLP				
ADDRESS	One M&T Plaza, Suite 2000				
CITY	Buffalo	STATE	New York	ZIP CODE	14203-2391
COUNTRY	United States of America	TELEPHONE	(716) 856-4000	FAX	(716) 849-0349
Name (Print/Type)	John M. Del Vecchio	Registration No. (Attorney/Agent)	42,475		
Signature				Date	November 21, 2003

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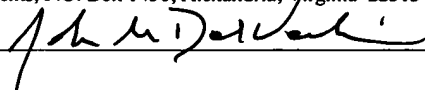
Date of Deposit November 21, 2003

I hereby Certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

John M. Del Vecchio

Name

Signature



873502

FEE TRANSMITTAL for FY 2004

Effective 01/01/2003. Patent Fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\$385

Application Number

Filing Date

November 21, 2003

First Named Inventor

Paul J. Walsh

Examiner Name

Group/Art Unit

Attorney Docket Number

38156.0004

METHOD OF PAYMENT (check all that apply)

☒ Check
☐ Credit Card
☐ Money Order
☐ Other
☐ None

☐ Deposit Account: Deposit Account Number: 08-2442
Deposit Account Name: Hodgson Russ LLP

The Director is hereby authorized to (check all that apply)

☐ Charge fee(s) indicated below

☒ Charge any fee deficiencies or credit any overpayments

☐ Charge any additional fees during pendency of this application.

☐ Charge fees indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$ Code (\$ Fee Description Fee Paid

1001 770 2001 385 Utility filing fee \$385

1002 340 2002 170 Design filing fee \$

1003 530 2003 265 Plant filing fee \$

1004 770 2004 385 Reissue filing fee \$

1005 160 2005 80 Provisional filing fee \$

SUBTOTAL (1)

\$385

2. EXTRA CLAIM FEES FOR UTILITY/ REISSUE

Extra Fee from

Claims below

Total Claims / / - 20** = / / x / / = \$

Independent Claims / / - 3** = / / x / / = \$

Multiple dependent / / x / / = \$

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$ Code (\$ Fee Description

1202 18 2202 9 Claims in excess of 20

1201 86 2201 43 Independent claims in excess of 3

1203 290 2203 145 Multiple dependent claim if not paid

1204 86 2204 43 **Reissue independent claims over original patent

1205 18 2205 9 **Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

\$

SUBMITTED BY:

John M. Del Vecchio

Reg. No. 42,475

SIGNATURE

DATE: November 21, 2003

Telephone: (716) 848-1644

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity

Small Entity

Fee Fee

Code (\$

Fee Fee

Code (\$

Fee Description

Fee Paid

1051 130

2051 65

Surcharge - late filing fee or oath

\$

1052 50

2052 25

Surcharge - late provisional filing fee or cover sheet

\$

1053 130

1053 130

Non-English specification

\$

1812 2,520

1812 2,520

For filing a request for *ex parte* reexamination

\$

1804 920*

1804 920*

Requesting Publication of SIR prior to Examiner Action

\$

1805 1,840*

1805 1,840*

Requesting Publication of SIR after Examiner Action

\$

1251 110

2251 55

Extension for reply within first month

\$

1252 420

2252 210

Extension for reply within second month

\$

1253 950

2253 475

Extension for reply within third month

\$

1254 1,480

2254 740

Extension for reply within fourth month

\$

1255 2,010

2255 1,005

Extension for reply within fifth month

\$

1401 330

2401 165

Notice of Appeal

\$

1402 330

2402 165

Filing a brief in support of an appeal

\$

1403 290

2403 145

Request for oral hearing

\$

1451 1,510

1451 1,510

Petition to institute a public use proceeding

\$

1452 110

2452 55

Petition to revive - unavoidable

\$

1453 1,330

2453 665

Petition to revive - unintentional

\$

1501 1,330

2501 665

10 advance copies
Utility issue fee (or reissue)

\$

1502 480

2502 240

Design issue fee

\$

1503 640

2503 320

Plant issue fee

\$

1460 130

1460 130

Petitions to the Commissioner

\$

1807 50

1807 50

Processing fee under 37 CFR 1.17(q)

\$

1806 180

1806 180

Submission of Information Disclosure Statement

\$

8021 40

8021 40

Recording each patent assignment per property (times number of properties)

\$

1809 770

2809 385

Filing a submission after final rejection(37 CFR 1.129(a))

\$

1810 770

2810 385

For each add'l invention to be examined(37 CFR 1.129(b))

\$

1801 770

2801 385

Request For Continued Examination (RCE)

\$

1802 900

1802 900

Request for Expedited Examination of a design application

\$

Other fee (specify)

\$

*Reduced by basic filing fee paid

SUBTOTAL (3)

\$

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John M. Del Vecchio

Name

Signature

November 21, 2003

Date of Signature

873489